Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims in the application.

In the Claims

1-30. (Cancelled)

31. (Currently Amended) Apparatus for use in retrieving a vascular filter disposed on a guidewire from a vessel, the apparatus comprising:

a retrieval adapter having a proximal end, a distal end and a lumen, the distal end of the retrieval adapter being configured to radially expand and receive at least a portion of the vascular filter within the lumen during retrieval of the vascular filter from the vessel;

wherein the proximal end of the retrieval adapter is configured to engage a distal end of an interventional device within the vessel;

wherein the retrieval adaptor has a longitudinal axis, wherein the distal end of the retrieval adapter includes an opening oblique to the longitudinal axis; and

wherein, when in a non-expanded configuration, at least a portion of the distal end of the retrieval ~~adapted~~ adapter has an inward bend adjacent to the oblique opening.

32. (Previously Presented) The apparatus of claim 31, wherein the retrieval adapter comprises a biocompatible material.

33. (Previously Presented) The apparatus of claim 31, wherein the retrieval adapter comprises a radiopaque material.

34. (Previously Presented) The apparatus of claim 33, wherein the radiopaque material comprises a radiopaque coil embedded in the retrieval adapter.

35. (Previously Presented) The apparatus of claim 31, wherein the proximal end of the retrieval adapter is tapered to facilitate engagement with a distal end of the interventional device.

36. (Previously Presented) The apparatus of claim 35, wherein the proximal end of the retrieval adapter is capable of being coupled to a distal end of an interventional device.

37. (Previously Presented) The apparatus of claim 31, wherein the distal end of the retrieval adapter includes at least one expansion slit.

38. (Cancelled)

39. (Previously Presented) The apparatus of claim 31, wherein the distal end of the retrieval adapter includes a curved portion.

40. (Cancelled)

41. (Cancelled)

42. (Cancelled)

43. (Currently Amended) Apparatus for use in conjunction with an interventional device in retrieving a vascular filter disposed on a guidewire from a vessel, the apparatus comprising:

a retrieval adapter having a proximal end, a distal end and a lumen, the distal end of the retrieval adapter including a plurality of expansion slits extending proximally from the distal end of the retrieval adaptor, the plurality of expansion slits dividing a distal portion of the retrieval adaptor into a plurality of curved portions configured to radially expand and receive at least a portion of the vascular filter within the lumen during retrieval of the vascular filter from the vessel, wherein the proximal end of the retrieval

adapter is configured to engage a distal end of an interventional device within the vessel, wherein the retrieval adaptor has a longitudinal axis, wherein the distal end of the retrieval adapter includes an opening oblique to the longitudinal axis, wherein at least a portion of the distal end has an inward bend adjacent to the oblique opening when in a non-expanded configuration.

44. (Previously Presented) The apparatus of claim 43, wherein the retrieval adapter comprises a biocompatible material.

45. (Previously Presented) The apparatus of claim 43, wherein the retrieval adapter comprises a radiopaque material.

46. (Previously Presented) The apparatus of claim 45, wherein the radiopaque material comprises a radiopaque coil embedded in the retrieval adapter.

47. (Previously Presented) The apparatus of claim 43, wherein the proximal end of the retrieval adapter is tapered to facilitate engagement with a distal end of the interventional device.

48. (Previously Presented) The apparatus of claim 43, wherein the proximal end of the retrieval adapter is capable of being coupled to a distal end of an interventional device.

49. (Cancelled)

50. (Cancelled)

51. (Previously Presented) Apparatus for use in conjunction with an interventional device in retrieving a vascular filter disposed on a guidewire from a vessel, the apparatus comprising:

a retrieval adapter having a proximal end, a distal end, and a lumen, the proximal end of the retrieval adapter being tapered to facilitate engagement with a distal end of the interventional device, the distal end of the retrieval adapter including an inwardly curved portion and a plurality of expansion slits extending proximally from the distal end of the retrieval adaptor, the plurality of expansion slits dividing a distal portion of the retrieval adaptor into a plurality of curved portions configured to radially expand and receive at least a portion of the vascular filter within the lumen during retrieval of the vascular filter from the vessel, wherein the retrieval adaptor has a longitudinal axis, wherein the distal end of the retrieval adapter includes an opening oblique to the longitudinal axis.

52. (Previously Presented) The apparatus of claim 51, wherein the retrieval adapter comprises a biocompatible material.

53. (Previously Presented) The apparatus of claim 51, wherein the retrieval adapter comprises a radiopaque material.

54. (Previously Presented) The apparatus of claim 53, wherein the radiopaque material comprises a radiopaque coil embedded in the retrieval adapter.

55. (Previously Presented) The apparatus of claim 51, wherein the proximal end of the retrieval adapter is capable of being coupled to a distal end of an interventional device.

56-67. (Cancelled)